

# CONCRETE CURING COMPOUND

# FRACURE WAX EMULSION

## TECHNICAL DATA

### 1.0 DESCRIPTION

FRACURE WAX EMULSION is a water-based wax emulsion concrete curing and sealing compound which helps ensure that maximum strength and wear resistance are achieved. When applied at 6 – 10m<sup>2</sup> per litre, it creates an impermeable seal which optimises water retention. Use on either interior or exterior, horizontal or vertical concrete applications where subsequent coatings or treatments will not be applied.

### 2.0 PROPERTIES

2.1. Colour	White
2.2. Viscosity	Water thin
2.3. Minimum Application Temp.	7°C substrate temperature
2.4. Toxicity	Non toxic
2.5. D.G. Classification	Non hazardous
2.6. Shelf Life	1 year. Stir before use. DO NOT expose to temperatures below 7°C. See Precautions
2.7. Coverage	6 – 10m <sup>2</sup> per litre depending on surface porosity and texture.

FRACURE WAX EMULSION is also available in a formula that has been tested to and exceeds moisture retention requirements of ASTM C-309-97 and Australian Standard AS 3799 – 1998 'Liquid Membrane-forming Curing Compounds for Concrete' when applied at 5m<sup>2</sup> per litre.

### 3.0 USES

Recommended for:

- Curing high performance floor toppings and dry shake hardeners.
- Areas that are not to be subsequently coated, such as pavements, hard-standing areas, etc.
- When it is known in advance the curing membrane must be removed after curing is complete, such as dry shake hardeners for aesthetic reasons (see 4.3 Removal)
- When flammable solvents must be avoided.
- When moisture retention requirements are necessary.

Not recommended for:

- As a non-slip surface while the curing membrane is intact.
- For any architectural concrete requiring subsequent coating.

### 4.0 APPLICATION

- 4.1. Apply 1 coat of FRACURE WAX EMULSION by constant pressure sprayer, airless industrial sprayer, or roller at the coverage rate recommended above.

**IMPORTANT:** Ease of curing compound removal is directly related to length of time the compound is left on floor. If it is intended that FRACURE WAX EMULSION is to be removed, it is best and easiest to remove as soon as curing period is complete (no longer than 28 days.) Stripping after 28 days may leave a residue that is resistant to complete removal.



## Fraser Brown & Stratmore Ltd

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The information contained in this data sheet, is to the best of our current knowledge, true and accurate, but any recommendations or suggestions which may be made are without liability on our part, since the conditions of use are beyond our control. Buyers and users are urged to make their own assessment of our products under their own conditions and for their own requirements. Fraser Brown & Stratmore Ltd reserves the right to alter formulations without notice. Properties as stated were determined under controlled laboratory conditions.



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## TECHNICAL DATA Continued

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- 4.2. **DRYING TIME:** Approximately 60 minutes at 21°C with the relative humidity at 50%. A higher humidity and/or a lower temperature will increase the drying time. Restrict foot traffic for at least 4 hours.
- 4.3. **REMOVAL:** If required, FRACURE WAX EMULSION can be removed with some commercial or household water soluble strippers such as Cleaning Solution from Fraser Brown & Stratmore. The stripper should be applied directly to the floor, uniformly spread across the surface, and given enough time to soften the coating. A mechanical scrubber should be used. **DO NOT USE** steel wool pads or steel bristle brushes. Thoroughly wash the surface with clean water. If residual FRACURE WAX EMULSION remains on the surface, reapply the stripper and repeat the scrubbing procedure. Some residual wax may remain after cleaning. **DO NOT** acid etch. Acids will **NOT** dissolve the wax coating but **WILL** dissolve the surface of the concrete floor.
- 4.4. **CLEAN UP:** Hands and equipment should be washed with hot water and detergent before FRACURE WAX EMSULSION dries.

## 5.0 PRECAUTIONS

FRACURE WAX EMULSION must always be well stirred before using. Occasional re-stirring will eliminate settling.

- **DO NOT** allow this product to be exposed to ambient temperatures lower than 7°C. If this should occur, the product will thicken and become unusable, necessitating proper disposal.
- Best results will occur when ambient temperatures, concrete, product, and all associated equipment are between 7°C and 29°C.
- **DO NOT** use as a bond breaker or apply over a bond breaker, e.g., DISCRETE.
- **DO NOT** apply while standing water remains on slab. **DO NOT** add water, solvent or otherwise dilute the product.

## 6.0 PACKAGING

20 litre and 210 litre drums.



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